



CodeUE	LibUE	Statut	Credits	Bloc
INFO0010	Introduction to computer networking	OBL	5	0
INFO0012	Computation structures	OBL	5	0
INFO0027	Programming techniques, Software patterns	OBL	2	0
INFO0054	Programmation fonctionnelle	OBL	5	0
INFO0062	Object-oriented programming	OBL	5	0
INFO0902	Structures des données et algorithmes	OBL	5	0
INFO0940	Operating systems	OBL	5	0
INFO8006	Introduction to artificial intelligence	OBL	5	0
INFO9012	Parallel Programming	OBL	5	0
MATH0495	Eléments du calcul des probabilités[BR] - Partim 1 : Outils d'analyse pour les probabilités[BR] - Partim 2 : Théorie des probabilités	OBL	5	0
MATH0500	Introduction à l'algorithmique numérique	OBL	5	0
MATH2019	Mathématiques pour l'informatique 1	OBL	5	0
CHIM0092	Chimie générale	OBL	5	1
ELEN0060	Information and coding theory	OBL	5	1
ELEN0062	Introduction to machine learning	OBL	5	1
FINA0001	Analyse des états financiers et financement de l'entreprise	OBL	5	1
GEST3162	Principles of management	OBL	5	1
INFO0016	Introduction to the theory of computation	OBL	5	1
INFO0085	Compilers	OBL	5	1
LOGI0010	Supply Chain Management	OBL	5	1
PROJ0010	Software project engineering and management	OBL	10	1
ATFE0002	Master thesis	OBL	25	2
DROI2003	Gestion juridique générale de l'entreprise[BR] - Droit des sociétés[BR] - Droit fiscal	OBL	5	2
GRHO0001	Gestion stratégique des ressources humaines	OBL	5	2
ELEN0016	Computer vision	OPT	5	0
GBIO0002	Genetics and bioinformatics	OPT	5	0
GBIO0030	Computational approaches to statistical genetics	OPT	5	0
GBIO0031	Learning from genomic data	OPT	5	0
INFO0031	Network Engineering	OPT	5	0
INFO0045	Introduction to computer security	OPT	5	0
INFO0056	Securing Networks	OPT	5	0
INFO0060	Introduction to computer systems verification	OPT	5	0
INFO0064	Embedded systems	OPT	3	0
INFO0939	High performance scientific computing	OPT	5	0
INFO0948	Introduction to intelligent robotics	OPT	5	0
INFO2049	Web and Text Analytics	OPT	5	0
INFO2051	Object-oriented programming on mobile devices	OPT	5	0
INFO2055	Embedded systems project	OPT	2	0
INFO8002	Topics in Distributed Systems	OPT	5	0
INFO8004	Advanced Machine learning	OPT	5	0
INFO8010	Deep learning	OPT	5	0
INFO8011	Network infrastructures	OPT	5	0
INFO8012	Digital Forensics	OPT	5	0
INFO8013	Advanced Computer Security	OPT	5	0
INFO9014	Knowledge representation and reasoning	OPT	5	0
INFO9015	Logic for Computer Science	OPT	5	0
INFO9016	Advanced Databases	OPT	5	0
INFO9023	Machine Learning Systems Design	OPT	5	0
LANG0988	Advanced English for ICT studies	OPT	3	0
LANG6011	Remedial English for Computer Science	OPT	3	0
MATH0461	Introduction to numerical optimization	OPT	5	0
MATH0462	Discrete optimization	OPT	5	0
MECA0524	CAD & Geometric Algorithms	OPT	5	0
ASTG0021	Technical company internship	OPT	10	2
ASTG9005	Research Internship	OPT	10	2
LANG1933	Allemand élémentaire 1	OPT	5	2
LANG1934	Espagnol élémentaire 1	OPT	5	2
LANG1936	Néerlandais élémentaire 1	OPT	5	2
PROJ0011	Personal student project	OPT	5	2